

PATENT  
Intel - 30320/15635X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tieyu Zheng

I hereby certify that this paper and the documents referred to as enclosed therewith are being deposited with the United States Postal Service as first class mail, postage prepaid, on February 25, 2004, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Serial No.: 10/706,209

Filed: November 12, 2003

For: "Low-Profile Package for Housing an Optoelectronic Assembly"

Assignee: Intel Corporation

Group Art Unit: 2874

Examiner: To be Assigned

*Marla L. Hudson*  
Marla L. Hudson  
Reg. No. 43,680  
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned. Therefore, in accordance with 37 C.F.R. § 1.97(b), no certification or fee is required.

A copy of each reference listed on Form PTO-1449 is attached.

A concise explanation of relevance of the items listed on Form PTO-1449 is:

[X] not given

given for each listed item

given for only non-English language listed items

in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30320/15635X. A duplicate copy of this paper is enclosed.

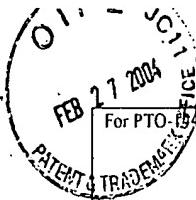
Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6357  
(312) 474-6300

February 25, 2004

By:

Marla L. Hudson  
Marla L. Hudson  
Reg. No. 43,680



For PTO-1949 (Modified)

U.S. Department of Commerce  
Patent and Trademark Office

MAR 23 2007

Atty. Docket No. 30320/15635X  
Serial No. 10/706,209

## INFORMATION DISCLOSURE STATEMENT

Applicant

Tieyu Zheng

Filing Date

11/12/2003

Group

2874

## U.S. PATENT DOCUMENTS

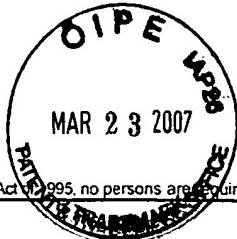
| *Examiner Initials | Patent Number   | Issue Date | Name               | Class | Subclass | Filing Date if Appropriate |
|--------------------|-----------------|------------|--------------------|-------|----------|----------------------------|
|                    | US-2003/0223709 | 12/04/2003 | Lake et al.        |       |          |                            |
|                    | US-6515251      | 02-04-2003 | Wind               |       |          |                            |
|                    | US-6512861      | 01-28-2003 | Chakravorty et al. |       |          |                            |
|                    | US-6511236      | 01-28-2003 | Webjorn et al.     |       |          |                            |
|                    | US-6506998      | 01-14-2003 | VanOtteren et al.  |       |          |                            |
|                    | US-6501652      | 12-31-2002 | Katsui             |       |          |                            |
|                    | US-6495895      | 12-17-2002 | Peterson et al.    |       |          |                            |
|                    | US-6493861      | 12-10-2002 | Li et al.          |       |          |                            |
|                    | US-6459842      | 10/01/2002 | Arsenault et al.   |       |          |                            |
|                    | US-6450699      | 09-17-2002 | Murali et al.      |       |          |                            |
|                    | US-6446873      | 09-10-2002 | Geryk              |       |          |                            |
|                    | US-6444297      | 09-03-2002 | Bischel            |       |          |                            |
|                    | US-6426591      | 07-30-2002 | Yanagisawa et al.  |       |          |                            |
|                    | US-6422766      | 07-23-2002 | Althaus et al.     |       |          |                            |
|                    | US-6407357      | 06-18-2002 | Bellino et al.     |       |          |                            |
|                    | US-6400566      | 06-04-2002 | Ootori             |       |          |                            |
|                    | US-6388264      | 05-14-2002 | Pace               |       |          |                            |
|                    | US-6376268      | 04-23-2002 | Verdiell           |       |          |                            |
|                    | US-2002/0043551 | 04-18-2002 | Payer et al.       |       |          |                            |
|                    | US-6354747      | 03-12-2002 | Irie et al.        |       |          |                            |
|                    | US-6331992      | 12/18/2001 | Gilliland et al.   |       |          |                            |
|                    | US-6328484      | 12-11-2001 | Uebbing            |       |          |                            |
|                    | US-6303893      | 10-16-2001 | Perks              |       |          |                            |
|                    | US-6252773      | 06-26-2001 | Werner             |       |          |                            |
|                    | US-6252762      | 06/26/2001 | Amatucci           |       |          |                            |
|                    | US-6227724      | 05-08-2001 | Verdiell           |       |          |                            |
|                    | US-6203212      | 03-20-2001 | Rosenberg et al.   |       |          |                            |
|                    | US-6186674      | 02/13/2001 | Basavanahally      |       |          |                            |
|                    | US-6172412      | 01-09-2001 | Wein et al.        |       |          |                            |
|                    | US-6166461      | 12-26-2000 | Kusase et al.      |       |          |                            |
|                    | US-6156992      | 12-05-2000 | Besslein           |       |          |                            |
|                    | US-5736783      | 04-07-1998 | Wein et al.        |       |          |                            |
|                    | US-5537504      | 07-16-1996 | Cina et al.        |       |          |                            |
|                    | US-5378924      | 01-03-1995 | Liang              |       |          |                            |
|                    | US-5227646      | 07-13-1993 | Shigeno            |       |          |                            |
|                    | US-4953006      | 08-28-1990 | Kovats             |       |          |                            |
|                    | US-4712030      | 12-08-1987 | Lakin et al.       |       |          |                            |
|                    | US-Re.29325     | 07-26-1977 | Hargis             |       |          |                            |

|   |  |  |  |                                  |                          |
|---|--|--|--|----------------------------------|--------------------------|
| For PTO-1449 (Modified)                 |  | U.S. Department of Commerce<br>Patent and Trademark Office |  | Atty. Docket No.<br>30320/15635X | Serial No.<br>10/706,209 |
| <b>INFORMATION DISCLOSURE STATEMENT</b> |  |  |  | Applicant<br>Tieyu Zheng         |                          |
|   |  |  |  | Filing Date<br>11/12/2003        | Group<br>2874            |

| FOREIGN PATENT DOCUMENTS |  |                 |                  |         |       |          |             |
|--------------------------|--|-----------------|------------------|---------|-------|----------|-------------|
| *Examiner Initials       |  | Document Number | Publication Date | Country | Class | Subclass | Translation |
|                          |  |                 |                  |         |       |          | Yes      No |
|                          |  |                 |                  |         |       |          |             |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |  |
|--|--|
|  | Z.F. Shi et al., "Heat Sink Design Optimization for Optical Transponders," The 35th International Symposium on Microelectronics, Denver, Colorado, September 4-6, 2002, available at <a href="http://www.flotherm.com/technical_papers/t315.pdf">http://www.flotherm.com/technical_papers/t315.pdf</a>             |
|  | Kayner, "Tolerance considerations for 10 Gbit/s pluggable module EMI solutions and electrical connector engagement," 8/01/02, available at <a href="http://www.xpak.org/XPAK%20whitepaper%20-%20Bezel%20EMI%20considerations.pdf">http://www.xpak.org/XPAK%20whitepaper%20-%20Bezel%20EMI%20considerations.pdf</a> |
|  | Kayner et al., "Designing a 10 Gbit/s small form factor pluggable transceiver module for PCI applications," 8/09/02, available at <a href="http://www.xpak.org/XPAK%20whitepaper%20-%20Designing%20for%PCI%20">http://www.xpak.org/XPAK%20whitepaper%20-%20Designing%20for%PCI%20</a>                              |
|  | Selected pages of Kyocera online catalog, available at <a href="http://www.kyocera.co.jp/frame/product/semicon/oe_pkg/btf_pkg.html">http://www.kyocera.co.jp/frame/product/semicon/oe_pkg/btf_pkg.html</a> on 11/6/2001  |
|  | Tatum, "VCSEL Packaging for Data Communication Transceiver Design", Fiberoptic Product News, pp. 21-23, 6/2000   |

|   |                 |
|---|-----------------|
| Examiner  | Date Considered |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

PTO/SB/21 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission  
(Including this Transmittal Form)

4

|   |                        |
|---|------------------------|
| Application Number  | 10/706,209-Conf. #5999 |
| Filing Date   | November 12, 2003      |
| First Named Inventor  | Tieyu Zheng            |
| Art Unit  | 2874                   |
| Examiner Name   | Not Yet Assigned       |
| Total Number of Pages in This Submission<br>(Including this Transmittal Form) | 4                      |
| Attorney Docket Number  | 30320/15635X           |

### ENCLOSURES (Check all that apply)

|   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Request for Refund   | PTO/SB/08   |
| <input checked="" type="checkbox"/> Information Disclosure Statement      | <input type="checkbox"/> CD, Number of CD(s) _____                                      |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> Landscape Table on CD  |   |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Remarks  |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                                |          |        |
|--------------|--------------------------------|----------|--------|
| Firm Name    | MARSHALL, GERSTEIN & BORUN LLP |          |        |
| Signature    |                                |          |        |
| Printed name | Marla L. Hudson                |          |        |
| Date         | April 14, 2005                 | Reg. No. | 43,680 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: April 14, 2005

Signature: (Marla L. Hudson)